

20020727.qrp v02_n629.qrl.20020727

Date: Sat, 27 Jul 2002 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2629

QRP-L Digest 2629

Topics covered in this issue include:

- 1) [130815] FOX: Raw log N0UR
by "Jim N0UR" <n0ur@attbi.com>
- 2) [130816] Re: Eudora
by "Chetan Bhargava" <wiz@bhargavaz.net>
- 3) [130817] Re: Bands Rotten?
by "Jim Stamper" <jstamper@shentel.net>
- 4) [130818] Thanks
by "Alex Turner" <aturner13@triad.rr.com>
- 5) [130819] TenTec HF equipment FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 6) [130820] AT in PA Saturday
by "Ron Polityka" <wb3aal@fast.net>
- 7) [130821] Re: Eudora
by Larry Cahoon <lejek@erols.com>
- 8) [130822] transistor cross ref:
by "johngabbard" <johngabbard@usintouch.com>
- 9) [130823] For Immediate Release: Special Event Station
by Wayne Scace <WM-Scace@wiu.edu>
- 10) [130824] MFJ-931 Artificial Ground
by "George, W5YR" <w5yr@att.net>
- 11) [130825] Re: Eudora
by John Seboldt <k0jd-1@seboldt.net>
- 12) [130826] Heathkit in TV commercial
by <mgoins@usa.net>
- 13) [130827] Re: Heathkit in TV commercial
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
- 14) [130828] For Immediate Release: Special Event Station Part deux
by Wayne Scace <WM-Scace@wiu.edu>
- 15) [130829] Re: Eudora
by "Frank Emens" <femens@hiwaay.net>
- 16) [130830] Re: use of fiberglass mast
by George Gingell <k3tks@u1.abs.net>
- 17) [130831] Re: Eudora
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 18) [130832] Coax Adapter Loss -- Mostly Myth
by Chuck Carpenter <w5usj@9plus.net>
- 19) [130833] Re: Eudora

- by JD Delancy <W1JD@drix.net>
- 20) [130834] Century 21 sold again....thanks...KF70M
by "johngabbard" <johngabbard@usintouch.com>
- 21) [130835] Fw: Next Build Invitation, Final call...
by "Jerry Ford" <benlightnd13@mchsi.com>
- 22) [130836] Re: Heathkit in TV commercial
by Fred Lesnick <flesnick@tbaytel.net>
- 23) [130837] OT - part crossreference
by "Ian Wilson" <ianmwilson@earthlink.net>
- 24) [130838] Re: Use of of Fiberglass masts
by William R Colbert <w5xe@juno.com>
- 25) [130839] Re: Coax Adapter Loss -- Mostly Myth
by "George, W5YR" <w5yr@att.net>
- 26) [130840] IOTA Contest
by W2AGN <w2agn@w2agn.net>
- 27) [130841] RE: Coax Adapter Loss -- Mostly Myth
by Nick Kennedy <nkennedy@tcainternet.com>
- 28) [130842] Hamfest, In case anyone is interested !
by Rick McKee <kc8aon@juno.com>
- 29) [130843] WWVB Clock At Wal-Mart
by NV9Z@aol.com
- 30) [130844] Re: Coax Adapter Loss -- Mostly Myth
by Ed Tanton <n4xy@earthlink.net>
- 31) [130845] Re: Coax Adapter Loss -- Mostly Myth
by "Mike Yetsko" <myetsko@insydesw.com>
- 32) [130846] Re: Heathkit in TV commercial
by "Jason Nochlin" <jman0iin@attbi.com>
- 33) [130847] Fr101s info needed
by "kw3u@warwick.net" <kw3u@warwick.net>
- 34) [130848] Battery Monitor
by Steven Weber <kd1jv@moose.ncia.net>
- 35) [130849] Re: Coax Adapter Loss -- Mostly Myth
by William R Colbert <w5xe@juno.com>
- 36) [130850] Re: First Rock-Mite QSO in the book
by "Walter AG5P" <walter@accessus.net>
- 37) [130851] Re: Coax Adapter Loss -- Mostly Myth
by "M.J.Powell" <mike@pickmere.demon.co.uk>
- 38) [130852] BB condx :<
by "P.Ermisch" <ermisch@usa.net>
- 39) [130853] Re: Another K1 goes live!
by "Tony Parks" <robert.parks11@gte.net>
- 40) [130854] Re: BB condx :<
by "K7FD N7SG" <k7fd@hotmail.com>
- 41) [130855] Cable Sealant
by Joseph Mikuckis <k3chp@erols.com>
- 42) [130856] Re: BB condx :<
by Steven Weber <kd1jv@moose.ncia.net>
- 43) [130857] Is it me?

by "Brian" <brian@iquest.net>
44) [130858] Re: Is it me?
by W2AGN <w2agn@w2agn.net>
45) [130859] Re: [fpqrp] Is it me?
by "Brian" <brian@iquest.net>
46) [130860] Re: AT in PA Saturday
by "Ron Polityka" <wb3aal@fast.net>
47) [130861] ARS Bumblebee #93...
by "KB0VCC" <kb0vcc@adelphia.net>
48) [130862] Re: Fiberglass Masts
by "DTX" <dtx@wood.tzo.com>
49) [130863] WTB Yaesu FT-817
by k6mw <k6mw@jps.net>

Date: Fri, 26 Jul 2002 17:55:49 -0500
From: "Jim N0UR" <n0ur@attbi.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [130815] FOX: Raw log N0UR
Message-ID: <001501c234f7\$964584a0\$6a202942@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Looks like the magic number is 72 contacts. Thanks again to all who worked me. I think over half of my Qs were in the first 30 minutes. Very slow second hour, it was painful. Let me know what I missed, or copied wrong.

0201 WR50 559 559 TX DAVE 5W
0201 W5TB 579 559 TX DOC 5W
0202 AA50 579 559 LA VERN 5w
0202 K5JHP 579 599 TX BILL 5w
0203 K5EOA 579 559 LA WAYNE 5w
0204 VA6RF 559 559 AB EARL 5W *
0204 K3IU 559 559 RI KEN 5W
0205 N5IB 559 559 LA JIM 5W
0205 W5USJ 579 559 TX CHUCK 5w
0206 K4GT 579 599 GA JIM 5W
0206 N1TP 579 559 FL TOM 5W
0207 W5YR 579 559 TX GEORGE 5w
0207 K4MF 559 559 FL GARY 5W
0208 K5SR 579 559 TX DALE 5W
0208 AJ4AY 559 579 AL JAY 4W
0209 W9UQB/7 559 559 AZ MIKE 5W

0210 KD5KXF 579 559 TX MIKE 5w
0211 NN5E 559 559 TX VERN 5w
0212 K5DI 559 579 AZ KARL 5W
0214 KK5LD 579 559 TX DAN 5W
0215 WA2DGD 579 579 PA LARRY 5W
0215 K3PH 579 599 PA BOB 5W
0216 N3XRV 559 599 PA CHRIS 5w
0216 KC1FB 579 559 CT JIM 1W
0217 VE6JAZ 559 559 AB ROB 5W
0218 KG4FSN 559 599 FL JUAN 4W
0219 K5LN 559 579 TX BILL 5w
0219 NK6A 559 599 CA DON 5W
0220 AB9CA 579 559 AL DAVE 5W
0221 K7IE 559 579 OR CLAIR 5W
0221 N5ZE 559 599 TX LEW 5W
0222 KB7WW 559 559 OR ART 5W
0223 WD5RS 559 559 TX RUSS 4W
0224 AL0A 579 599 ME GREG 5W *
0225 W6ABC 559 559 CA JACK 5W
0226 AD6JV 559 559 CA BILL 5w
0227 K0PC 559 559 MN PAT 5W
0228 N1WPU 559 599 ME TED 5W
0229 W2AGN 599 599 NJ JOHN 5W
0229 K4FB 579 579 FL PAUL 5W
0230 N9NE 559 559 WI TODD 5W
0231 N5YFC 579 599 LA WAYNE 5W
0232 NQ7X 559 559 AZ FLOYD 5W
0235 W4BQP 559 599 NC JIM 5W
0235 KV2X 559 559 NY TOM 5W
0238 K3ESE 559 559 MD LLOYD 5W
0241 KG6CYN 559 559 CA TREV 5W
0242 W4NJK 559 559 CA CHARLIE 5W
0249 K5TR 559 599 TX GEO 5MW
0251 NQ7K 559 559 AZ MIKE 5W
0252 AF4PS 559 579 FL MAC 3W
0253 K7TQ 559 559 ID RANDY 500MW
0256 W9XU 559 559 WI LON 5W
0259 AA4LR 559 549 GA BILL 5W
0301 WA9TZE 559 339 WI JIM 5W
0304 WE9K 559 339 WI GLENN 5W
0306 NK9G 559 559 WI RICK 5W
0308 K0SQ 599 599 MN CHUCK 5W
0309 AL7FS 559 449 AK JIM 5W
0311 W0CH 559 359 MO DAVE 5W
0320 VE6NL 579 559 AB GUS 100W
0322 VA7NT 579 599 BC PAUL 5W
0323 K2TVY/4 559 559 FL FRANK 5W
0325 N9WW/1 559 559 ME JIM 5W

0329 N6YEU 599 579 CA FRED 5W
0343 K6KK 559 559 CA BOB 5W
0345 W7DFO 559 559 WA BRIAN 5W
0351 WA6PXU 599 559 CA JIM 100W
0355 N7XY 579 559 WA BOB 5W
0356 VE6EX 559 559 AB DAN 5W
0400 K0EVZ 599 599 ND DOC FOX
0400 N0UR 599 599 MN JIM FOX

TOTAL QSO 72

Date: Fri, 26 Jul 2002 16:11:21 -0700
From: "Chetan Bhargava" <wiz@bhargavaz.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130816] Re: Eudora
Message-ID: <01ca01c234f9\$c6261200\$2701a8c0@chetan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bad... In my company people are using Eudora pro and have lot of problems.
I'm using OE since it came out with IE 4.0 and it is running perfect.

Thanks.

Chetan Bhargava
<http://www.bhargavaz.net>

----- Original Message -----
From: "Bruce Rattray" <rattray@gpfn.sk.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, July 26, 2002 3:46 PM
Subject: Eudora

:
: I'd like to receive opinions from people who are using Eudora
: please...good, bad, not bad, not good, etc....thank you....I'm using IE at
: the present time....
:
: ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

: A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
: - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
: "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
:
:
:

Date: Fri, 26 Jul 2002 19:46:30 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"W2AGN" <w2agn@w2agn.net>
Subject: [130817] Re: Bands Rotten?
Message-ID: <000801c234fe\$aaed6f60\$4e186fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked him about 7:20 EDST near 21.050. I had to repeat my call
several times but he finally got it. I could hear no US hams at all
anywhere on 15. Went to 20 and worked and almost immediately lost a
Michigan QRP station to QSB.

jim-
KG4LDY

----- Original Message -----
From: "W2AGN" <w2agn@w2agn.net>
To: "Jim Stamper" <jstamper@shentel.net>
Sent: Friday, July 26, 2002 5:01 PM
Subject: Re: Bands Rotten?

> On 26 Jul 2002 at 16:49, Jim Stamper wrote:
>
> > FWIW 5B4/RW9UP was very strong about 21.020 this afternoon working
people
> > from all over.
> >
> > I couldn't break the pileup with 5 watts but hearing this guy work fast
and
> > clean was an inspiration. Signed his call after every contact.
> >
> > jim-

> > KG4LDY
>
> Heard him yesterday. Unusual he wasn't working split. Don't feel bad, I
couldn't even get him with the CX7A.
>
>
> --
>
> /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
> (W)(2)(A)(G)(N) <http://www.w2agn.net>
> _ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
> Ex- K3HLU, W7JEF, W4MPC, N4JS
>

Date: Fri, 26 Jul 2002 21:02:05 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130818] Thanks
Message-ID: <00e101c23509\$39b2eb80\$be611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who contributed to my post about fiberglass poles. There are
some very innovative guys this list and also willing to share their
knowledge.

Alex N4BYJ

Date: Fri, 26 Jul 2002 21:30:08 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [130819] TenTec HF equipment FS
Message-ID: <016e01c2350d\$25fa41c0\$54cad143@toshiba>

TenTec HF equipment for sale:

TenTec 546 Omni D, HF CW / SSB xcvr.
All solid state, with up to 100 W output. The ALC can
also be turned back with a front panel control for QRP

operation. Covers 160 through 10 meters (No WARC).
Full QSK on CW, and a fantastic receiver. Terrific audio
quality on SSB also. Built in audio CW filter. Digital read
out. This one is in nice shape, with manual for \$295.

TenTec 252 M power supply, 20 amp, 13 V DC supply.
Has ammeter on front. Good condition, with manual for \$ 100

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@arrl.net
Voice Phone (352) 732-8400

Date: Fri, 26 Jul 2002 21:34:46 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [130820] AT in PA Saturday
Message-ID: <00e901c2350d\$caaede60\$8d645cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Well tomorrow Ed, WA3WSJ and I will hike the toughest 5 miles in PA on the
Appalachian Trail.

I will be bringing my K1, 66' doublet and the DK pole. There are no trees
where we are hiking. Actually it is a Super Fund site.

Not sure what time we will be on the air, but a good guess is look for me

around 15 UTC. I will try 15m, 20m 30m then 40 m. Will be only on the air for about an hour.

72

Ron de WB3AAL
www.n3epa.org/

Date: Sat, 27 Jul 2002 00:29:29 +0000
From: Larry Cahoon <lejek@erols.com>
To: ratttray@gpfn.sk.ca,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130821] Re: Eudora
Message-ID: <5.1.0.14.0.20020727001832.00b759b8@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Been using it at home for over a year now and never had any problems. First used it with Win 95 and now with XP on the newer PC. I even figured out which files to copy to the new computer so I didn't lose anything in the transition.

I'm currently running two copies for two separate e-mail accounts without any problems.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Fri, 26 Jul 2002 19:18:13 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: <qrp-1@lehigh.edu>
Subject: [130822] transistor cross ref:
Message-ID: <000501c23513\$dd1b4d80\$27811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang, I have just completed a Foxx 3 xcvr and I suspect a bad transistor does any one have the cross UK to US for the BC 182,212,327. used in the foxx3 40 mtr version?thanks john...KF70M

Date: Sat, 27 Jul 2002 03:02:28 +0100
From: Wayne Scace <WM-Scace@wiu.edu>
To: "low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130823] For Immediate Release: Special Event Station
Message-ID: <5.1.0.14.0.20020727030219.02f3c348@POP3.wiu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The Lamoine Emergency Amateur Radio Club (LEARC) will be operating a special event station in honor of the 7th St. Louis Rams training camp opening Saturday 27 July 2002. LEARC will begin operations at approximately 0900hrs Central on 15 meters SSB, LEARC will be switching bands (No, no WARC bands) as propagation dictates. SSB will be the main mode of operations, although, CW might be used at times.

The rig to be used will be a Kenwood TS520 pumping watts into the ether through a multi-band vertical.

73

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net
k9di@qsl.net
LICQ# 315313
FISTS# 4409
QRP-L# 2313
QRPp-L# 243
FPQRP-L# 217
SOC# 452
ARS # 1,082
Zombie # 800
<http://www.qsl.net/k9di>

Date: Fri, 26 Jul 2002 22:03:01 -0500
From: "George, W5YR" <w5yr@att.net>
To: "qrp-l@Lehigh.edu" <qrp-l@lehigh.edu>
Subject: [130824] MFJ-931 Artificial Ground
Message-ID: <3D420D65.F67187DC@att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>From time to time, questions have come up on the list concerning this unit and its application. I just discovered that "Antenna and Techniques for Low-Band DXing" by John Devoldere, ON4UN, has a copy of the schematic on page 11-22, Fig. 11-24. The schematic is complete enough that with a bit of twiddling one could duplicate it.

--

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Date: Fri, 26 Jul 2002 23:02:10 -0500
From: John Seboldt <k0jd-l@seboldt.net>
To: qrp-l@lehigh.edu
Subject: [130825] Re: Eudora
Message-ID: <5.1.0.14.0.20020726225939.009efec0@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:46 PM 7/26/02 -0600, you wrote:

>I'd like to receive opinions from people who are using Eudora
>please...good, bad, not bad, not good, etc....thank you....I'm using IE at
>the present time....

One of the finest! Different from Outlook Express, but quite powerful. The free version just wants to put little fairly unobtrusive ads in a little block.

Anything to get away from Outlook/Outlook Express, which as many know are the vehicles of choice for the discerning virus propagator!

John K0JD
Milwaukee

Date: Fri, 26 Jul 2002 23:53:25 -0500
From: <mgoins@usa.net>

To: <qrp-1@lehigh.edu>
Subject: [130826] Heathkit in TV commercial
Message-ID: <20020727045325.27898.qmail@uwdvg001.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Just saw a TV commercial for Maytag that had the young guy "radioing" back to
the older guy. =

Just got a glimpse, but the rig on the counter with the older guy looked =
like
an old Heathkit SB-102. There was an older CDE rotor box there too (and some
other stuff). =

mike
wb5yjx

Date: Fri, 26 Jul 2002 23:32:53 -0500
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [130827] Re: Heathkit in TV commercial
Message-ID: <000901c23526\$acc7cd80\$6579d118@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, July 26, 2002 11:53 PM
Subject: Heathkit in TV commercial

> Just saw a TV commercial for Maytag that had the young guy "radioing" back
> to
> the older guy.
>

> Just got a glimpse, but the rig on the counter with the older guy looked like
> an old Heathkit SB-102. There was an older CDE rotor box there too (and some
> other stuff).
>
> mike
> wb5yjx
>
>

I just saw it too. Were you watching Voyager?

Glenn, WE9K

Date: Sat, 27 Jul 2002 05:32:22 +0100
From: Wayne Scace <WM-Scace@wiu.edu>
To: "low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130828] For Immediate Release: Special Event Station Part deux
Message-ID: <5.1.0.14.0.20020727053203.00accec0@POP3.wiu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sorry about second posting, but forgot one vital detail
The Lamoine Emergency Amateur Radio Club (LEARC) will be operating a special event station in honor of the 7th St. Louis Rams training camp opening Saturday 27 July 2002. LEARC will begin operations at approximately 0900hrs Central on 15 meters SSB, LEARC will be switching bands (No, no WARC bands) as propagation dictates, The callsign LEARC will use is W9SSP. SSB will be the main mode of operations, although, CW might be used at times.

The rig to be used will be a Kenwood TS520 pumping watts into the ether through a multi-band vertical.

73

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net
k9di@qsl.net
LICQ# 315313
FISTS# 4409
QRP-L# 2313

QRPP-L# 243
FPQRP-L# 217
SOC# 452
ARS # 1,082
Zombie # 800
<http://www.qsl.net/k9di>

Date: Sat, 27 Jul 2002 00:50:03 -0500
From: "Frank Emens" <femens@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
 rattray@gpfn.sk.ca
Subject: [130829] Re: Eudora
Message-ID: <3D41EE3B.10198.A86E6@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Eudora is good but you might also consider Pegasus Mail. Been using it for years with no problems and is not a magnet for virus writers like OE is.

--
Frank Emens
femens@hiwaay.net

Date: Sat, 27 Jul 2002 06:20:28 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@lehigh.edu>
Cc: alex turner <aturner13@triad.rr.com>
Subject: [130830] Re: use of fiberglass mast
Message-ID: <20020727053547.R42655-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Alex,

I get QRP-L via the Digest, so you likely have several answers already.

I saw at least two that have made nearly the same comments that wanted to say to you.

Dave, NFOR more or less told it all in detail.

I would like to share a few of my ideas, some I have already tried and some that I have been planning to try and are getting closer every day.

I have several of the 20 Foot "Black Widow" Poles from Caballas. They are known as Crappie Fishing Poles. The Southbend SD-20 is nearly identical. I have not seen the MFJ pole, but I suspect that it is also the same. As is the one available from WorldRadio Magazine.

The sections can be taped, with Electrical Tape or Masking Tape.

Electrical Tape will sometimes come off in hot areas. The Masking tape has a tendency to dry up and NOT Come OFF when you want it to do so.

If not real permanent, I suggest taking some of the FAT (1/4") rubberbands and make multi-wraps on a section and slide them down the shaft after extending the section. The Rubber O ring Seals from plumbing department may also work. I have not tried these yet.

A more permanent seal is Plain old Clear Silicon Caulking around each joint after extending the section firmly.

I also like to use a 1-1/4" Sked 40 PVC pipe for the bottom section extension. I Cut an X Slot in the PVC about 4" deep, then slide a Stainless Steel Pipe Clamp over it and insert the end of the Black Widow into the PVC and secure the clamp. Do not make it too tight.

On another version, I just rammed a Golf Ball inside of the PVC Pipe to about 12-16" down into it and dropped the Fishing Pole into it.

Tennis Balls work good for larger Pipe. I have also considered putting a piece of wood dowel with tape covering inside of the bottom 6-12" of the Fishing pole to keep the thing from being crushed. One version, I actually ran the #22 Stranded Teflon wire up thru the inside of the pole.

I planned to remove the top section and try a Solid Fiberglass Driveway Marker Stake for the top section. They are about 1/4" in Diameter and four feet long. I would then just drill two 1/16" holes in the top of it and run the wires thru the holes and down the mast. Basically a dipole with open wire feed.

The other thought is to make an inverted L with it. This was the idea of running the #22 Teflon up thru the inside of the Pole, Out the Top and Use a mini Bannana Plug, or a Machined Dip Socket Pin. or Dip header Pins. This would have a mating pin soldered to a roll of #26 Wrapping Wire and a

Fishing Sinker or Plastic Float Bobber. Whip it up in the tree, connect it to the #22 Feed Wire and slip the pole in to the PVC Mast section. The Coax Feeder is built inside of the Base PVC mast section. with a 5 way BP near the top for connecting to the Black Widow Top sections.

Another 5 way BP is for connecting a 17-34 ft Counterpoise.

Will it work, I am sure it will. Can something better be made. Of Course, but we want to get on the air sooner not later.

OBTW- The design also calls for a very small American Flag on the top of the mast.

As for mounting the Bottom PVC Mast section, Several methods come to mind.

One is to make a PVC Adapter section that slips down over the roof vent stack, you must at least use a y or t or have holes in the adapter for the Vent to breath. Some company makes a Stealth Vent Stack Antenna. Why buy when you can build for nearly free?

My other model is ground based. Here I have a 1/2 Whiskey Barrel with a 3" section of PVC Pipe in the center with Bricks, and sand and Gravel around the bottom 12" and the rest filled with Good Dirt. I have mostly weeds in it at the moment, but it will soon have the Maryland State flower (Black Eyed Susan) planted around the base of the mast. Currently there is a Ten foot section of 2" PVC at home inside of the 3" base. It is topped with an Acorn Fence post Cap. That is my "Flag Pole". When I get the second Barrel ready, I will likely move the Flag Pole to it. US Flag on one MD Flag on another? Another Option is to have instant Phased Verticals, or a Flag and A Lighthouse Beacon Lite.

Another of George's Crazy Designs :^} Hoping to control the Auto Beacon via IFR Tx in the Car. Makes it easy to find the driveway in the dark...

The only one with a Laser Beacon Light. :^}

Hope you find some of this useful.

Can you do it? Of Course you can. Will it work? You bet it will.

Can you make it work better? Probably.. That is why this ain't Rocket Science. You don't need no stinkin' degree to play with radios and antennas. Theory, I will leave that to dem boys and girls wid the big computers..

Gn es CUL

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Fri, 26 Jul 2002 22:19:02 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: rattray@gpfn.sk.ca, owner-qrp-1@lehigh.edu
Subject: [130831] Re: Eudora
Message-ID: <200207271049.g6RAnt111577@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 8BIT

Check out Pegasus (www.pmail.com). It works much better than Eudora for me and is probably the best e-mail program currently in distribution. Automatically separates out attachments and there is zero chance of unintentionally running an unasked for exe or vbs file. The only shortcoming is that it does not have a preview pane like IE. Also, the program has a low enough profile so that IE and Netscape do not have a provision for setting up as a default reader...you must run it separately from the browser. The program is from New Zealand and it is free for individuals.

Henry

"...with glowing hearts we see thee rise....."

On 26 Jul 2002 at 16:46, Bruce Rattray wrote:

>
> I'd like to receive opinions from people who are using Eudora
> please...good, bad, not bad, not good, etc....thank you....I'm using
> IE at the present time....
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15
> -
> "QRP! How sweet it is!" "I am da man wit "DAH"
> paddle!"
>
>
>

Date: Sat, 27 Jul 2002 07:43:56 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPp-I@yahoogroups.com
Cc: w5usj@arrl.net
Subject: [130832] Coax Adapter Loss -- Mostly Myth
Message-ID: <3.0.2.32.20020727074356.006b51d0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

Did a little test this morning with a bunch of coax adapters.

At a test frequency of 50.1 MHz and power levels of 4 and 15 Watts, I could measure no difference in power out with the adapters inserted.

My station interconnect cables are various lengths of RG-8X with UHF to UHF or UHF to BNC connectors. (50 ohm fairly well matched system.)

Generator = FT-847

Meter = DAIWA CN-620B (UHF connectors)

Load = 50 ohms flat from 1.8 to 150 MHz (BNC connectors)

After setting the power out with the only the cable from the 847 to the power meter and the cable from the power meter to the load, the following parts were added between the 847 and the power meter:

- UHF to UHF
- UHF to BNC with 1 ft length of RG-8X
- BNC to BNC
- BNC to N
- N to N right angel
- N to BNC
- BNC to UHF
- UHF to BNC
- BNC to UHF with 2 ft length of RG-8X

According to popular myth, with this many junctions, I could have had about a 10 dB loss. Not so! At the VHF test frequency and at any HF frequency good quality connectors, correctly installed, should not present any loss problems. Use the adapters and enjoy. There is one type of UHF right angle that should be avoided. It uses a small spring to make the turn and connection at the corner inside. These are usually in the el-cheap-0 category.

At UHF and higher frequencies, I'd expect much different results. Especially because of coax attenuation and lengths becoming significant at Fo. At very short wavelengths, the adapters would become bigger lumps in the path too.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sat, 27 Jul 2002 09:01:52 -0400
From: JD Delancy <W1JD@drix.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130833] Re: Eudora
Message-ID: <3D4299C0.83CB197B@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Eudora is used by a lot of Universities and College as their mail program of choice

for the students. Virginia Tech is a good example. The free one you can download does just about everything you want but has advertisements show up when you use it, just like IE does. The purchased version, forget how much it is but about 50 bucks, does away with them. Powerful program in a lot of respects

The other consideration could be Netscape mail. I've used Netscape mail for at least five years without a hitch or a virus. I use Outlook at work only because I have to..

jd

Bruce Rattray wrote:

```
>
> I'd like to receive opinions from people who are using Eudora
> please...good, bad, not bad, not good, etc....thank you....I'm using IE at
> the present time....
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
>           A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
>           - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
>           "QRP! How sweet it is!"           "I am da man wit "DAH" paddle!"
```

Date: Sat, 27 Jul 2002 06:18:49 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: <qrp-l@lehigh.edu>
Subject: [130834] Century 21 sold again....thanks...KF70M
Message-ID: <002801c23570\$25be8f50\$32811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Date: Sat, 27 Jul 2002 08:33:10 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [130835] Fw: Next Build Invitation, Final call...
Message-ID: <02e101c23572\$27118a40\$6d74da0c@mchsi.com>

To All:

Just a note of interest: Thought I would pass this along so anyone who is interested in building an amp can check this out and join the fun. This is a nice project with excellent support via its own website.

72 de Jerry N0JRN
----- Original Message -----
From: <info@hfprojects.com>
To: <info@hfprojects.com>
Sent: Friday, July 26, 2002 6:25 PM
Subject: Next Build Invitation, Final call...

>
>
> The following is an email sent to you by an administrator of "HF Projects". If this message is spam, contains abusive or other comments you find offensive please contact the webmaster of the board at the following address:
>
> info@hfprojects.com
>
> Include this full email (particularly the headers).
>
> Message sent to you follows:
> ~~~~~
>
> Just in case you are not aware of it, the "Dance Card" for the next build is almost full. The first 100 HFpackers to sign up can participate. The build is scheduled for January 2003. If you do not see your call on the Sign-Up Status page, you are not signed up. In that case, please send a email to info@hfprojects.com with your name, call, shipping address and email. If your call does appear on the list, you do not need to do anything. Everyone listed will be contacted when it is time to transfer money. Cost of the next build has not been fully determined at this moment due to a few additional parts and other improvements. We are using the LMB Jiffy Box for this next build. Shipping costs have gone up.
>
> This year we are using four Chief Volunteers with experience building the HFpacker-Amp to sort modules. Each Chief will receive the parts for a particular module. After sorting into bags, the bags will be shipped in bulk back to me for final box packing and shipping. We still need volunteers. Please put your name in the pot if you are familar with electronic parts, the HFpacker-Amp and have a skill of organization and sorting. I am grateful for the volunteers.

>
> Thanks for your support and happy building.
> 73 K500R, Virgil
>
>

Date: Sat, 27 Jul 2002 10:08:48 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: mgoins@usa.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130836] Re: Heathkit in TV commercial
Message-ID: <3D42A970.2FD96F6D@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike:

I seen that same commersila months ago her in Thunder Bay, I immediately put a post on this reflector as well, I wanted to know if anyone else had seen it....So far you are teh only one who has said anything about it..

Fred
VE3FAL

mgoins@usa.net wrote:

>
> Just saw a TV commercial for Maytag that had the young guy "radioing" back to
> the older guy.
>
> Just got a glimpse, but the rig on the counter with the older guy looked like
> an old Heathkit SB-102. There was an older CDE rotor box there too (and some
> other stuff).
>
> mike
> wb5yjx

Date: Sat, 27 Jul 2002 08:10:26 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130837] OT - part crossreference
Message-ID: <000501c2357f\$bd491fc0\$0b02a8c0@trabucoserver>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for any information on IRF23 (nothing in the NTE catalog).
Additional markings: I<diode symbol>R9633 (presumably a batch number).

Assuming this is a medium power MOSFET, is there a standard lead
configuration
for this T0220 device?

73,

--ian K3IMW/6

Date: Sat, 27 Jul 2002 09:18:37 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [130838] Re: Use of of Fiberglass masts
Message-ID: <20020727.091839.-248711.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lots of good suggestions on the usage of fibreglass
masts. One caution I would like to put forth that I
don't recall seeing mentioned. Please use gloves with
your pole/masts after they have been exposed to the
elements - it does not take very long for the glass splinters
top start sticking out of the molded unit. I used to install
some ground mounted satellite antennas and used the
fibreglass sections for mounts and within several weeks, they
would be very "hairy" with the splinters. They could be painted
to help prevent this occurring.

The last time I tried using a Com-Products 220-509 (or similar)
vhf colinear antenna for a support, it was not the lightest item
in the world - HI!. Seriously, the fibreglass casing is about 1/4 to
3/8"
thick and is quite heavy, even when the copper radiator is removed.
It gives about 16-18 feet of good support, tho.

73 and gl with your mast, Alex.

Ray

"The more you read about politics, you got to admit
that each party is worse than the other.
The one that's out always looks the best." -Will Rogers
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R QRP-ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Sat, 27 Jul 2002 10:46:38 -0500
From: "George, W5YR" <w5yr@att.net>
To: w5usj@9plus.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130839] Re: Coax Adapter Loss -- Mostly Myth
Message-ID: <3D42C05E.40F29987@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have misplaced the universal chain of adapters that I usually bring to
the meetings - you know the one Chuck . . .

Are you sure that you didn't find it? <:}

The lowly PL-259/SO-239 combination is much maligned in amateur radio when
it doesn't deserve it. While not as pristine about maintaining Zo through
the connector pair, its losses up to 1 GHz have been reported as minor to
negligible if the connectors are "of quality" - read that as *not* from
Radio Shack.

Thanks for documenting this interesting experiment. At least you managed to
carry it off and report it without once bringing conjugate matching into
the act! <:}

Good man!

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Chuck Carpenter wrote:

>

> Folks,

>
> Did a little test this morning with a bunch of coax adapters.
>
> At a test frequency of 50.1 MHz and power levels of 4 and 15 Watts, I could
> measure no difference in power out with the adapters inserted.

Date: Sat, 27 Jul 2002 12:06:42 -0400
From: W2AGN <w2agn@w2agn.net>
To: qrp-l@lehigh.edu
Subject: [130840] IOTA Contest
Message-ID: <3D428CD2.24916.4F8EF96@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Well, yesterday, after my post about rotten conditions, sure enough, we had an M8+ flare!.

Today, I have been playing in the IOTA contest. Just hunt and pounce for new ones. 15 was pretty hot. I had one rig on 15CW and another on 15 SSB, going back and forth. Suddenly the noise came up, and signals went bye-bye. I still hear some NA stuff, but I was copying a BV9, with hopes of working him, and he, and the pileup are gone.

Another flare?

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Sat, 27 Jul 2002 11:17:11 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'w5usj@9plus.net'" <w5usj@9plus.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130841] RE: Coax Adapter Loss -- Mostly Myth
Message-ID: <01C2355F.27ECF0C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Good test and good info, Chuck.

Now somebody take on the "black plastic dielectric" thing ...

72--Nick, WA5BDU

-----Original Message-----

From: Chuck Carpenter [SMTP:w5usj@9plus.net]

Folks,

Did a little test this morning with a bunch of coax adapters.

Date: Sat, 27 Jul 2002 12:24:23 -0400

From: Rick McKee <kc8aon@juno.com>

To: qrp-1@lehigh.edu, atlas210x-215x@egroups.com

Subject: [130842] Hamfest, In case anyone is interested !

Message-ID: <20020727.122427.4414.0.kc8aon@juno.com>

In case anyone on the list is interested, and this is a nice hamfest and a fairly big one at that. I will be there with a table and will have the 2M HT along on 146.46 simplex. If anyone decides to come by, give me a shout so we can have an eyeball QSO.

Hope to see you there,
Rick, KC8AON

Huntington, WV Hamfest and Computer Show 2002

Saturday August 10

8:30 am to 2:00 pm

VE Testing

At 10:30 am

Veterans Memorial Field House

2590 5th Avenue

Huntington, WV 25701

Sponsored By: Tri-state Amateur Radio Association (TARA)

Free parking at Kroger Store across street from Hamfest

Grand prize: \$700 gift certificate from Ham Radio Outlet

Also to be given away: 50 watt 2M Mobile

2M HT

2 mag mount 2M antennas

Entrance tickets \$5
Flea Market tables (if payment is received by July 31) \$8
Flea Market tables (after August 1 or later) \$12
Electricity at table or display (per plug) \$10

Talk in frequency is 146.760 (minus offset) PL tone: 131.8 or send DTMF
11 to open Squelch

To reserve tables:
contact:

Philip Beckett, AB8ME
AB8ME@hotmail.com
(304) 429-6114
Drive
29 Valley View Drive
25705
Huntington, WV 25704
10:30 am

VE Testing

Garry Ritchie, W8OI
(304) 733-1300
19 Pinecrest

Huntington, WV

Testing starts at

E-mail: tarahams@juno.com

TARA website: <http://www.qsl.net/tara>

ARRL Approved Hamfest

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Date: Sat, 27 Jul 2002 12:30:44 EDT

From: NV9Z@aol.com

To: qrp-1@lehigh.edu

Subject: [130843] WWVB Clock At Wal-Mart

Message-ID: <a2.2936c26e.2a7424b4@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hi QRPers!

I wasn't able to find the atomic clocks at my local Wal-Mart. I DID find an Advance combination digital 12/24 hr clock-calendar-indoor/outdoor thermometer (F or C with min and max temp recording) for \$9.96. Runs on a single AA battery. Measures about 3" x 4" Too good to pass up. It looks really nice on my desk.

Very 72!

Chris Blaase NV9Z QRP-L #2370 QRP-ARCI #11172

Date: Sat, 27 Jul 2002 12:31:47 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: w5yr@att.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130844] Re: Coax Adapter Loss -- Mostly Myth
Message-ID: <5.1.1.6.2.20020727122005.0a91d1b8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Absolutely! I have told this tale before... but I once worked with a guy who had been primary engineer on a small portion of the swing-wing bomber (the FB-111... I believe it was) project. He ran an EXTENSIVE (both RF and physical) analysis of connectors for the project, from HF through UHF. The overall winner was the BNC. The UHF connector was tried, and BEAT the type N-mostly because of construction failures. Typical assembly line techniques were PART of the test-and it's POSSIBLE they had BNC-crimps and didn't (yet) have Type-N crimps.

We QRP'ers have largely identified with the BNC... and that's a good thing.

Personally, I usually BUY BNC cables-although I found some SO-239s (hard to find) and PL-259s (easy to find) with gold-plated center pins, and have been happy with the results. So, for myself, those two types are just fine.

Incidentally, the average loss in a connection is-as I recall-about 0.1dB on a properly constructed pair.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 27 Jul 2002 12:35:14 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130845] Re: Coax Adapter Loss -- Mostly Myth
Message-ID: <019101c2358b\$a33e71a0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree, there's a LOT of myths about the connectors. But remember, the REAL issue with the connectors is that they cause an impedance bump in the transmission line, which can cause a small amount of RF to be reflected, and eventually lost in the transmission line. The actual loss in the connector itself is probably very minimal.

And that may be another aspect as to why you don't see the staggering losses that the 'myth' would seem to predict when you connect multiple adapters in series.

As to Radio Shack connectors, I've seen worse at a lot of places that should know better. Bottom line is, you have to know what your getting.

Pay for the silver plated stuff? If it's what you want!

As to PL-259... I found years ago there seems to be two different 'standards' for the things. Not in diameter or thread pitch, but in the 'taper' of the cut. If you have two connectors, male/female, that are the same standard, they match fine. If you have what I suspect is the Japanese standard PL-259 and match it to what I believe is the American standard SO-239, it's also fine. But, if you put the 'American' PL-259 on the 'Japanese' SO-239, the 'shell' of the adapter will tighten down and bottom out without the 'ring' of the interior part being fully clamped. This means the ground or shield connection is not as secure as it should be. I also found that this combination also tends to tighten down without being 'secure' to hold itself together and vibration will allow it to loosen quickly.

I discovered this when I bought my ICOM IC-27A. The PL-259 just wouldn't stay tight on the S)-239 pigtail on the radio.

I solved it in that case by finding a 'wire washer' that I could slip over the PL-259 so the shell would bottom out against the wire. (I unscrewed the shell and slipped it back the coax, put on the split 'wire washer' up to the 'rim' of the internal piece of the PL-259, then slipped the shell back on.) It helped, but it would still occasionally come loose from vibration in the car. The ultimate solution was to take the pigtail OFF the IC-27A and mount a BNC jack right on the radio.

The other thing to watch for in a lot of 'cheap' connectors is the 'right angle' adapters. Most are built with the center pins manufactured so that one leg 'screws into' the other leg inside the insulator. This can be a problem if they become loose. But even worse, back in the late 70's a lot of really cheap junk showed up (I never saw this on a RS connector, but I did get one at a HAMfest) that used a SPRING to connect the two legs through the right angle. Can you say inductor?

Mike

Date: Sat, 27 Jul 2002 11:05:55 -0600
From: "Jason Nochlin" <jman0iin@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130846] Re: Heathkit in TV commercial
Message-ID: <005001c2358f\$dee5e900\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I noticed that too. I wasn't what it was for or what company made it, but it

I was very sure it was some type of tube radio.

73/2,

Jason K0IIN

Date: Sat, 27 Jul 2002 13:22:16 -0400

From: "kw3u@warwick.net" <kw3u@warwick.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130847] Fr101s info needed
Message-ID: <3D42D6C8.7F860D36@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all;

Not sure if I posted here yet so if so--sorry.
Looking for info on the fr101s rcvr I picked up at hamfest.
Doesn't have AM wide receive and manual indicates its an option.
also looking to fill up xtal positions on it. presently have
160;80;40;20;15;10 thats it .

Also(as long as I'm here) I'm trying to resurrect a heathkit sb-102,

and after I get the needed tubes and belts, there is a problem with the
dial sticking(I can back it up and go forward and it'll work again)
I think its a mechanical problem, some sort of spirial gear setup on the
dial.

Any input(well almost) cheerfully accepted.

Thanks Jim KW3U

Date: Sat, 27 Jul 2002 14:00:24 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [130848] Battery Monitor
Message-ID: <3.0.6.32.20020727140024.007a4410@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey, I finally found something that will fit into one of those mini-Altoids
tins! The battery monitor fits nicely, with room to spare!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 27 Jul 2002 12:38:21 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [130849] Re: Coax Adapter Loss -- Mostly Myth
Message-ID: <20020727.123823.-373549.1.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good info Chuck - thanks. And George, I bet the
cm discussion is being beat to death at Tuthill, so we
have some good info flowing today.

The impedance bump as seen on the TDR for the
pl259 and adapters is slight, and from what I have
experienced, not really bothersome. Even on some
of the vhf satellite systems I had in my charge, the
adapters and small coax did not seem to have much
effect.

73
Ray

Date: Sat, 27 Jul 2002 13:53:20 -0500
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130850] Re: First Rock-Mite QSO in the book
Message-ID: <01ed01c2359e\$e31982c0\$f6476ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh, wow, Chuck, are you saying that we have to know how to
get into the receiver passband so we can talk to another
Rock-Mite? That is disgusting!
72...Walter, AG5P

<<<snipped>>>
So back to the paddle and hope to work you on the air.
If I don't come back, try moving your transmit frequency
and as soon as we get more data we'll have a way for
every one to know how to get into the pass band of
the receiver front end.

dit dit es FYI,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Date: Sat, 27 Jul 2002 18:38:14 +0100
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
To: n4xy@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130851] Re: Coax Adapter Loss -- Mostly Myth
Message-ID: <eodVQ8AGqtQ9EwdZ@pickmere.demon.co.uk>
MIME-Version: 1.0

In message <5.1.1.6.2.20020727122005.0a91d1b8@pop.earthlink.net>, Ed Tanton <n4xy@earthlink.net> writes
>Absolutely! I have told this tale before... but I once worked with a guy
>who had been primary engineer on a small portion of the swing-wing bomber
>(the FB-111... I believe it was) project. He ran an EXTENSIVE (both RF and
>physical) analysis of connectors for the project, from HF through UHF. The
>overall winner was the BNC. The UHF connector was tried, and BEAT the type
>N-mostly because of construction failures. Typical assembly line techniques
>were PART of the test-and it's POSSIBLE they had BNC-crimps and didn't
>(yet) have Type-N crimps.
>
>We QRP'ers have largely identified with the BNC... and that's a good thing.
>
>Personally, I usually BUY BNC cables-although I found some SO-239s (hard to
>find) and PL-259s (easy to find) with gold-plated center pins, and have
>been happy with the results. So, for myself, those two types are just fine.
>
>Incidentally, the average loss in a connection is-as I recall-about 0.1dB
>on a properly constructed pair.

Don't forget that there are 50 ohm BNC's and 75 ohm BNC's, differing in the diameter of the pin. The larger pin can be pushed into the smaller socket but the other way round gives an unreliable connection.

75 ohm BNC's are usually found in TV equipment.

Mike
--
M.J.Powell

Date: Sat, 27 Jul 2002 13:46:27 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [130852] BB condx :<
Message-ID: <20020727194627.13207.qmail@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Hanging it up after two hours here in Colorado. Went mobile this time hoping the ATAS-100 antenna might hear better than my low dipole. Got N5FC on 2=0 and 15 (very ruf copy) within the first 10 minutes I was on but nothing afterwards. Called CQ but no joy there either. Hope other folks have better luck. =

Paul KB0LUR

Date: Sat, 27 Jul 2002 15:06:30 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130853] Re: Another K1 goes live!
Message-ID: <001201c235a9\$1b4447c0\$7912f143@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to add my me too here...

I was first licensed in 1953 as a 12 year old kid and for a few years ham radio was very important in my life. Got away from it for many years and what brought me back in 2000 was the fun of the QRP radios and CW operation. These little kit transceivers from Elecraft, SWL and others are a delight to build and use. I now run my K1 at 500mW to a wire antenna and really enjoying the simplicity and challenge of it all!

73,
Tony
KB9YIG

----- Original Message -----

From: "Mike Butts" <mbutts@realizer.com>
To: <elecraft@mailman.qth.net>
Sent: Saturday, July 27, 2002 1:44 PM
Subject: [Elecraft] Re: Another K1 goes live!

> Paul - NN7B said:
> > I do expect there to be a
> > change in this hobby as I feel there will be others decide that this too
is
> > "fun" and they don't need to shell out big bucks for the multi-kw
amplifier
> > and 70-ft tower with ump-teen element multiband beam antenna and a
receiver
> > that probably belongs in a lab somewhere. Way back in high school, I
felt
> > I was at the peak of satisfaction when I got to use my buddies DX40 and
> > HQ129X on 80m CW and talked to TEXAS of all places! It's all become
> > rather "routine" but, the magic will always be there - especially
running
> > 5 watts.
>
> I couldn't agree more with you, Paul. Once it was amazing to talk with
> someone in Europe or make a phone call from a handheld. Now that's
> common. But just because we can buy lots of fish doesn't mean no one
> goes fishing. No one goes sailing just to get from place to place.
People
> sail and fish for the simple beauty and pleasure of it. Many who sail or
> fish find the simpler and lighter the better. Ask a fly fisherman. A
little
> box and a piece of wire at each end is all it takes to talk across the
world.
> That's how our hobby appeals to me.
>
> 72 de KC7IT
>
> -----
> Elecraft mailing list: Elecraft@mailman.qth.net
> You must be a list member to post to the list.
> Postings must be plain text (no HTML or attachments).
> See: <http://mailman.qth.net/mailman/listinfo/elecraft>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Sat, 27 Jul 2002 13:01:45 -0700
From: "K7FD N7SG" <k7fd@hotmail.com>
To: ermisch@usa.net
Cc: qrp-1@lehigh.edu
Subject: [130854] Re: BB condx :<
Message-ID: <F161zT2XJx0EI0DEgAk00001b87@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Why don't you try again tomorrow, when the contest is on?

:)

73 John K7FD
BB Rules: http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

>From: "P.Ermisch" <ermisch@usa.net>
>
>Subject: BB condx :<
>Date: Sat, 27 Jul 2002 13:46:27 -0600
>
>Hanging it up after two hours here in Colorado. Went mobile this time
>hoping
>the ATAS-100 antenna might hear better than my low dipole. Got N5FC on 20
>and
>15 (very ruf copy) within the first 10 minutes I was on but nothing after
>that. Called CQ but no joy there either. Hope other folks have better
>luck.
>
>
>Paul KB0LUR

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sat, 27 Jul 2002 15:52:35 -0400
From: Joseph Mikuckis <k3chp@erols.com>

To: qrp-1@lehigh.edu
Subject: [130855] Cable Sealant
Message-ID: <3D42FA03.7DFA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found an excellent product for keeping water out of coaxial cables and connectors. It is called "Goop Carpenter's Contact Adhesive and Sealant". It is widely available here is hardware stores.

Joe, K3CHP
Frederica, DE

Date: Sat, 27 Jul 2002 16:23:34 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: ermisch@usa.net
Cc: qrp-1@lehigh.edu
Subject: [130856] Re: BB condx :<
Message-ID: <3.0.6.32.20020727162334.007a7b70@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>15 (very ruf copy) within the first 10 minutes I was on but nothing after
>that. Called CQ but no joy there either. Hope other folks have better
luck.

>

Try again tomorrow afternoon, that's when the BB event is and hopefully
we'll not have another sun burp!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 27 Jul 2002 15:54:32 -0500
From: "Brian" <brian@iquest.net>
To: "Pigs" <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@lehigh.edu>
Subject: [130857] Is it me?
Message-ID: <001301c235af\$d0023630\$0a352bd1@bmurrey2K>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have my new K1 ready at the helm...but man, the bands are VERY quiet.

I climbed up in the attice, yup, antenna is still there. Hooked the K1 up to a signal generator, yup, the RX is working. Sent CQ on a few different freqs...no reply...scanned around with my Scout and my K1 and on 4 bands I heard maybe 4 stations in QSO but I could only hear one side.

I guess the bands are poopy today.

Or is it just me?

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Sat, 27 Jul 2002 16:56:56 -0400
From: W2AGN <w2agn@w2agn.net>
To: brian@iquest.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130858] Re: Is it me?
Message-ID: <3D42D0D8.23255.602BC74@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 27 Jul 2002 at 15:54, Brian wrote:

> I have my new K1 ready at the helm...but man, the bands are VERY
> quiet.

>
> I climbed up in the attice, yup, antenna is still there. Hooked the
> K1 up to a signal generator, yup, the RX is working. Sent CQ on a few
> different freqs...no reply...scanned around with my Scout and my K1
> and on 4 bands I heard maybe 4 stations in QSO but I could only hear
> one side.
>
> I guess the bands are poopy today.
>
> Or is it just me?

It's really weird. I have had the Omni C on 15 CW and the CX7A on 15 SSB all day,
playing in the IOTA thingy. For a while, there were signals from Europe and
Africa...then
nothing, then just NA and a few SA, then nothing, then Europe again....

Very strange. Around noon, there was really bad noise, but that has died down
quite a bit. I am sure the sun is burping.
--

/\ /\ /\ /\ /\ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
//_/_/_/ ARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Sat, 27 Jul 2002 16:06:20 -0500
From: "Brian" <brian@iquest.net>
To: "Rob Mathery" <w0jrm@arrl.net>, "Pigs" <fpqrp-l@mpna.com>,
"QRP-L" <qrp-l@lehigh.edu>
Subject: [130859] Re: [fpqrp] Is it me?
Message-ID: <002101c235b1\$75868970\$0a352bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My K1 doesn't cover the SSB bands.

I'll listen again.

----- Original Message -----
From: "Rob Mathery" <w0jrm@arrl.net>
To: "Brian" <brian@iquest.net>; "Pigs" <fpqrp-l@mpna.com>; "QRP-L"
<qrp-l@Lehigh.EDU>

Sent: Saturday, July 27, 2002 3:56 PM
Subject: Re: [fpqrp] Is it me?

> I hear about 10 stations on 20m CW here, and a pileup around
14.305.9
>
> 72/73/oo
> Rob, w0jrm
>
> =====
> Visit my website! <http://www.qsl.net/w0jrm>
> =====
>
> ----- Original Message -----
> From: Brian <brian@iquest.net>
> To: Pigs <fpqrp-l@mpna.com>; QRP-L <qrp-l@Lehigh.EDU>
> Sent: Saturday, July 27, 2002 3:54 PM
> Subject: [fpqrp] Is it me?
>
>
> > I have my new K1 ready at the helm...but man, the bands are VERY
> > quiet.
> >
> > I climbed up in the attice, yup, antenna is still there. Hooked
the
> > K1 up to a signal generator, yup, the RX is working. Sent CQ on a
few
> > different freqs...no reply...scanned around with my Scout and my
K1
> > and on 4 bands I heard maybe 4 stations in QS0 but I could only
hear
> > one side.
> >
> > I guess the bands are poopy today.
> >
> > Or is it just me?
> >
> >
> > =====
> > KB9BVN/QRP - New Whiteland IN - EM69WN
> > QRP-ARCI #10223 QRP-L #1540 FIST #5695
> > FISTS CC #764 - Proud Member ARRL
> > HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
> > INTO INFAMOUS AF4PS ATTIC DIPOLE
> > SOC #400 AND FLYING PIGS QRP #-57
> > =====
> >

> >
> >
> > -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
fpqrp-l -
>
>
>

Date: Sat, 27 Jul 2002 17:01:49 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [130860] Re: AT in PA Saturday
Message-ID: <000801c235b0\$d44800c0\$1a605cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well after a small delay in starting out his morning and a traffic detour we arrived at our starting spot in Little Gap around 13:45 UTC. This trip was a short 5 miles, the 5 miles we did not complete back in May 2002.

We hiked 4 miles to our operating spot in 1 3/4 hours. This was filled with stopping to take pictures and just to take in the view.

I got on the air and started calling CQ around 16:00 UTC and Ed, WA3WSJ, shortly after that. I made a total of 3 QSO's, 1 on 30 meters and 2 on 40 meters. Ed was calling CQ on 20 meters for the hour with no replies. We only allowed 1 hour of operation due to the grueling 1 mile hike out of the area.

Wait until you see the pictures. Straight down the mountain. Did you ever see the Mountain Dew commercial with the Ram butt heading the guy? Well I felt like the Ram or a Mountain Goat. I am real glad I only had a 30 lb. pack. :-)

I will post when I have the pictures up on the Web. Time to grab dinner.

72
Ron de WB3AAL
www.n3epa.org/

Date: Sat, 27 Jul 2002 18:18:06 -0400
From: "KB0VCC" <kb0vcc@adelphia.net>
To: <qrp-1@lehigh.edu>
Subject: [130861] ARS Bumblebee #93...
Message-ID: <001201c235bb\$ec8375b0\$6501a8c0@dalenotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey Gang,

As if the propagation condx aren't lousy enough, check this out...

--- From the NWS ---

>Sunday. Partly sunny early. Then showers and thunderstorms likely
>from late morning on. Highs in the upper 70s. South winds 5 to 10
>mph.

Thunderstorms from late morning on? We EDT op's are on
from 2:00-5:00pm local. That figures! Why should this BB
event be different than any other year!

As a result, I'll be active from my "contingency location"
on the summit of Foss Mountain (Eaton, NH). Nothing fancy,
but provides a great western exposure, is above tree-line, and
provides the quickest (about 3/4 miles) escape to the car in the
event of life-threatening QRN. See you on the air!

72/73

Dale (a.k.a. KB0VCC/BB)

Date: Sat, 27 Jul 2002 15:34:33 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <lou@harborside.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [130862] Re: Fiberglass Masts
Message-ID: <011201c235bd\$c7f7ebc0\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Interesting stuff, Sparky. I was impressed with the weight vs stiffness but was surprised to find it was DC conductive. Strange properties: a 30" piece of (AVIA SPORT) .180 tubing showed about 11-12 ohms. Everywhere. End to end, end to middle, ohmmeter leads 2, 3, 4 inches apart. Always 10-12 ohms. Used a little 1/2 amp 9VDC wall wart and it went off scale on my 400ma range and the 12V open circuit voltage pulled down to 6V. ???

Did you use it as the radiating element for a vertical? Wouldn't seem good enough for that. I was wanting to support both ends and the middle of a 24 or 26AWG dipole but that would seem to give a whole new meaning to end loading effects ;-)

Or is there some outer coating/sealant confusing the issue here? I did not look under a magnifier and scrape to see.

Gary WA6DTX

----- Original Message -----
From: "Sparky" <lou@harborside.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, July 26, 2002 6:57 AM
Subject: RE: Fiberglass Masts

> The best one I have found for Permanent placement is made from
Epoxy/Carbon
> fibers. You can start with up to 3/4" and work down to 1/8" for a 30'
mast.
> at 25" feet it will stand a 100 mile per wind (used as a vertical
antenna).
> I have been in wind gust up to 135 with mine.. You can get the rods at any
> good Kite Shop..It isn't cheap but it is small, black, and very hard to
see.
> You can get it in 4' lengths that will fit inside each other. Glue them
> together with Epoxy.
>

Date: Sat, 27 Jul 2002 15:37:59 -0700
From: k6mw <k6mw@jps.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130863] WTB Yaesu FT-817
Message-ID: <3D4320C6.1FB76062@jps.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wanted: Yaesu FT-817 radio.

If you have one that you'd like to sell, or know of a location (besides
Ebay) that might have one listed, please forward info to me direct via
Email

Thanks, Mike K6MW

End of QRP-L Digest 2629

